

Amendments to the Specification

Please amend the Specification of this application as follows:

At page 1, please amend the paragraph that begins at line 20 to read as follows:

“Depending upon a voltage applied to the gate 104, the channel 116 can be made to become conductive or nonconductive. When the channel is conductive, a voltage applied across the drain contact 106 and the source contact 108 results in electrons flowing from the source 110 to the drain 112. [The amount of current flowing between the source 110 and drain 112 is proportional to the amount of resistance of the channel region 116.] As shown in Figs. 1A and 1B, the structure of a conventional MOSFET is such that the length (Lc1) of the gate 104 is constant across the area separating the source 110 and drain 112.”